

BAIBHAV PRATAP SINGH

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PROFESSIONAL SUMMARY

Detail-oriented and innovative 3rd-year B.Tech Computer Science student skilled in **Software Development**, **Backend Development**, and **Full Stack Web Applications**. Proficient in **C++**, **Python**, and **JavaScript** with hands-on experience in the **MERN stack**, **REST API design**, and scalable database systems. Seeking a **Software Engineering Internship** to apply problem-solving skills, contribute to impactful projects, and grow as a versatile software engineer.

EDUCATION

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|--|---------------------|
| • Indian Institute of Information Technology, Bhagalpur, Bihar
<i>B.Tech in Computer Science and Engineering</i> | Aug 2023 – May 2027 |
| • Aklank Day Boarding Cum Residential School, Kota, Rajasthan
<i>Senior Secondary</i> | May 2022 |
| • Delhi Public School, Hathras, Uttar Pradesh
<i>Highschool</i> | May 2020 |

PROJECTS

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|--|---------------------------|
| • Luxo — Full Stack E-Commerce Platform | <i>Live Demo — GitHub</i> |
| • Tech Stack: Node.js, Express.js, MongoDB, JWT, Razorpay, HTML, CSS | |
| • Built a scalable e-commerce platform enabling users to browse, manage cart, and purchase products. | |
| • Designed secure JWT authentication system with role-based access control. | |
| • Integrated Razorpay payment gateway ensuring smooth checkout and secure transactions. | |
| • Developed scalable REST APIs reducing API response time by 25%. | |
| • FoodFun — Food Delivery Application | <i>Live Demo — GitHub</i> |
| • Tech Stack: React.js, Node.js, Express.js, MongoDB, JWT, Razorpay, Cloudinary, Tailwind CSS | |
| • Developed an end-to-end food delivery system with admin/user dashboards and real-time order tracking. | |
| • Created REST APIs with Express.js and optimized MongoDB indexes (30% faster queries). | |
| • Built secure role-based authentication system with JWT and session management. | |
| • Integrated Cloudinary for image management and Razorpay for seamless payments. | |

TECHNICAL SKILLS

- **Programming Languages:** Python, C++, C, JavaScript
- **Web Technologies:** React.js, Node.js, Express.js, HTML5, CSS3, Tailwind CSS
- **Databases:** MongoDB, MySQL
- **Tools:** Git, GitHub, Postman, VS Code, Vercel, Render
- **CS Fundamentals:** Data Structures and Algorithms, Object-Oriented Programming, Operating Systems, DBMS, Computer Networks
- **Other:** REST APIs, Agile Methodology, Debugging, Problem Solving, Version Control

ACHIEVEMENTS AND CERTIFICATIONS

- Hack4Bihar 2025 – Finalist team in national-level hackathon.
- Smart India Hackathon 2024 – Qualified institute-level round and represented IIIT Bhagalpur.
- Open Source Contributor – OP Code Fest, IIIT Bhagalpur – Contributed to production-grade projects.
- Career Essentials in Generative AI by Microsoft and LinkedIn (Certificate)
- Completed Code In Place, a 6-week Python program by Stanford University (Certificate)